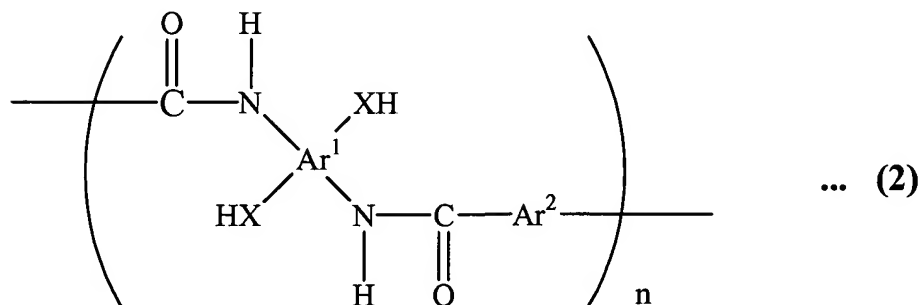
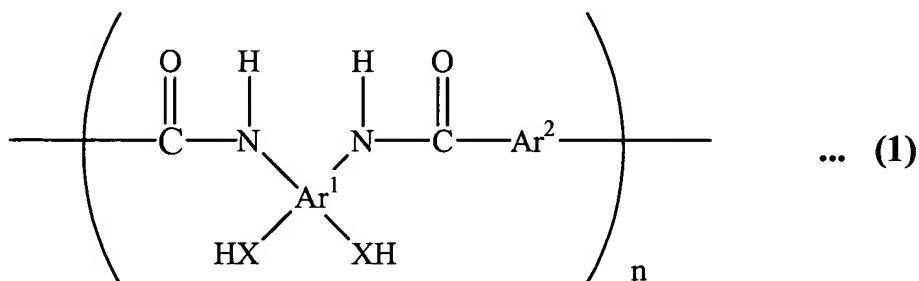


Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A film formed of a polybenzazole precursor, wherein the film is produced by solidifying the polybenzazole precursor oriented along a direction of a magnetic or electric field applied to the polybenzazole precursor in a given direction by the application of a magnetic or electric field such that the film has strong anisotropy, said polybenzazole precursor having a repeating unit shown by the following chemical formula (1) or (2),

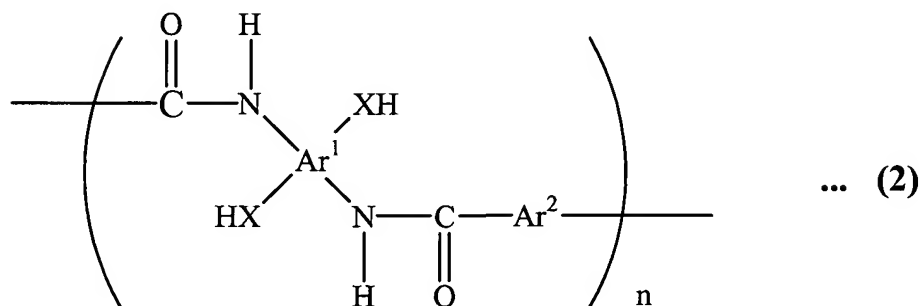
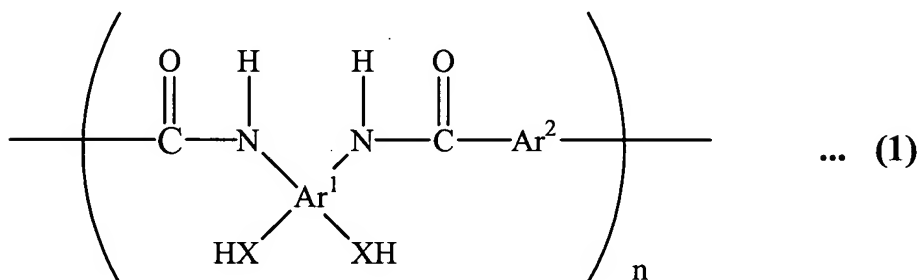


wherein X is any one selected from the group consisting of a sulfur atom, an oxygen atom, and an imino group; Ar¹ and Ar² are selected from aromatic hydrocarbon groups, and n is an integer of 10 to 500.

2. (Currently Amended) The film according to claim 1, wherein ~~the given direction~~ the direction of the magnetic or electric field corresponds to ~~the~~ a direction of the thickness of the film.

3. (Original) The film according to claim 1, having at least one of optical, magnetic, mechanical, thermal and electrical anisotropies.

4. (Currently Amended) A method of producing a film formed of a polybenzazole precursor, the polybenzazole precursor having a repeating unit shown by the following chemical formula (1) or (2),



wherein X is any one selected from the group consisting of a sulfur atom, an oxygen atom, and an imino group; Ar¹ and Ar² are selected from aromatic hydrocarbon groups; and n is an integer of 10 to 500, comprising:

preparing a liquid containing the polybenzazole precursor;

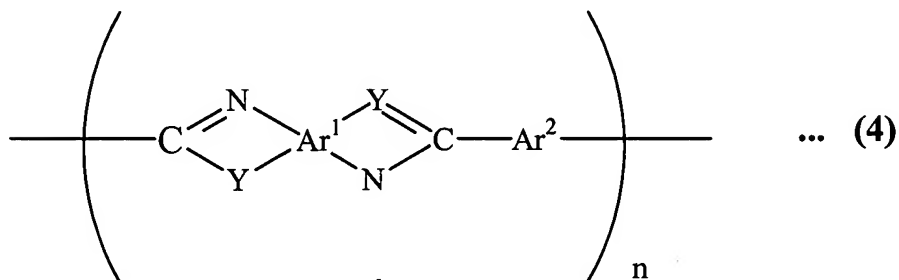
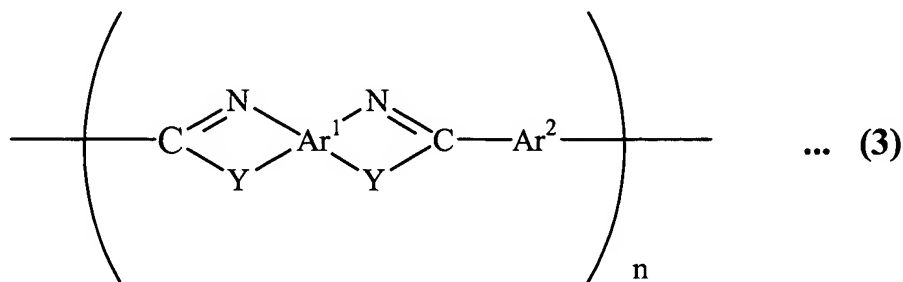
spreading the liquid in the form of a film;

applying a magnetic or electric field to the spread liquid in such a manner that the polybenzazole precursor in the spread liquid is oriented along a direction of the magnetic or electric field ~~so that the polybenzazole precursor in the spread liquid is oriented in a given direction, such that the film to be formed has strong anisotropy;~~ and
solidifying the spread liquid after the application of the magnetic or electric field.

5. (Original) The method according to claim 4, wherein said liquid either is a solution of the polybenzazole precursor prepared by dissolving the polybenzazole precursor in a solvent or is a molten state of polybenzazole precursor.

6. (Currently Amended) A film formed of a polybenzazole, wherein the film is produced by solidifying the polybenzazole oriented along a direction of a magnetic or electric field applied to the polybenzazole ~~in a given direction by the application of a magnetic or electric field such that the film has strong anisotropy.~~

7. (Original) The film according to claim 6, wherein said polybenzazole has a repeating unit shown by following chemical formula (3) or (4),

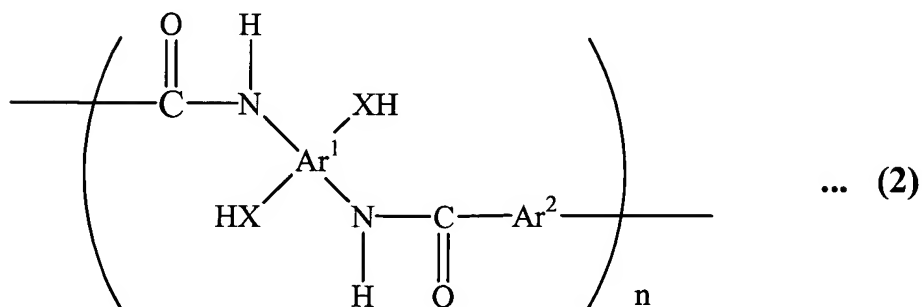
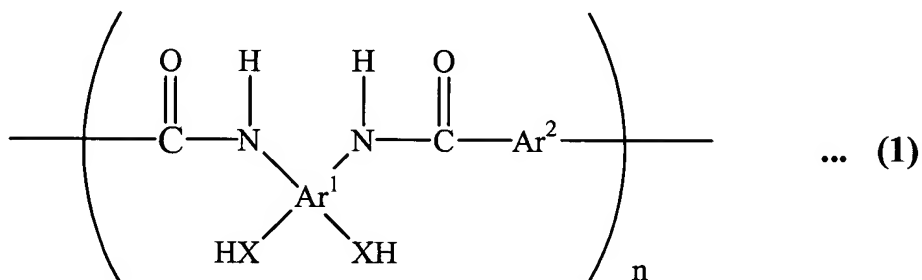


wherein Y is any one selected from the group consisting of a sulfur atom, an oxygen atom, and an imino group; Ar¹ and Ar² are selected from aromatic hydrocarbon groups; and n is an integer of 10 to 500.

8. (Currently Amended) The film according to claim 6, wherein ~~the given direction~~ the direction of the magnetic or electric field corresponds to ~~the~~ a direction of the thickness of the film.

9. (Original) The film according to claim 6, having at least one of optical, magnetic, mechanical, thermal and electrical anisotropies.

10. (Currently Amended) A method of producing a film formed of a polybenzazole, comprising:



preparing a liquid containing a polybenzazole precursor, as a precursor of the polybenzazole, the polybenzazole precursor having a repeating unit shown by the following chemical formula (1) or (2),

wherein X is any one of selected from the group consisting of a sulfur atom, an oxygen atom, and an amino group consisting of a sulfur atom, an oxygen atom, and an imino group; Ar¹ and Ar² are selected from aromatic hydrocarbon groups; and n is an integer of 10 to 500;

spreading the liquid in the form of a film;

applying a magnetic or electric field to the spread liquid in such a manner that the polybenzazole precursor in the spread liquid is oriented along a direction of the magnetic or electric field ~~so that the polybenzazole precursor in the spread liquid is oriented in a given direction, such that the film to be formed has strong anisotropy;~~

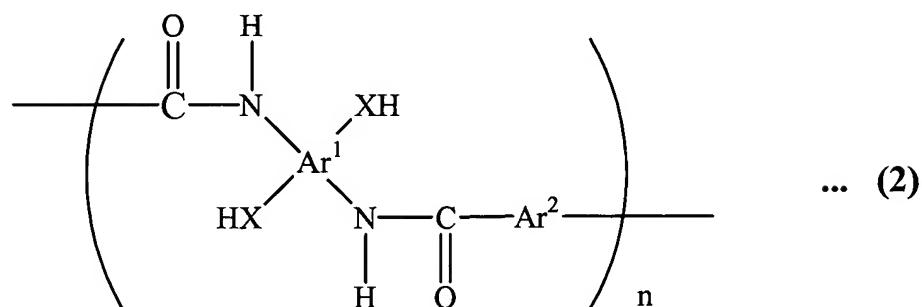
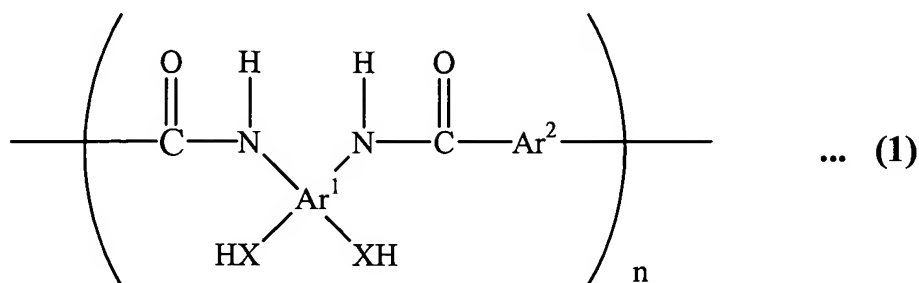
chemically converting the polybenzazole precursor in the spread liquid into the polybenzazole after the application of the magnetic or electric field; and

solidifying the spread liquid after the chemical conversion of the polybenzazole precursor into the polybenzazole.

11. (Original) The method according to claim 10, wherein said liquid either is a solution of the polybenzazole precursor prepared by dissolving the polybenzazole precursor in a solvent or is a molten state of the polybenzazole precursor.

12. (Currently Amended) A method of producing a film formed of a polybenzazole, comprising:

preparing a liquid containing a polybenzazole precursor, as a precursor of the polybenzazole, the polybenzazole precursor having a repeating unit shown by the following chemical formula (1) or (2),



wherein X is any one selected from the group consisting of a sulfur atom, an oxygen atom, and an imino group; Ar¹ and Ar² are selected from aromatic hydrocarbon groups; and n is an integer of 10 to 500;

spreading the liquid in the form of a film;

applying a magnetic or electric field to the spread liquid in such a manner that the polybenzazole precursor in the spread liquid is oriented along a direction of the magnetic or electric field ~~so that the polybenzazole precursor in the spread liquid is oriented in a given direction; such that the film to be formed has strong anisotropy;~~

solidifying the spread liquid after the application of the magnetic or electric field so as to produce a precursor film, as a film of the polybenzazole precursor; and

chemically converting the polybenzazole precursor film, as a film of the polybenzazole precursor; and

chemically converting the polybenzazole precursor contained in said precursor film into the polybenzazole.

13. (Original) The method according to claim 12, wherein said liquid either is a solution of the polybenzazole precursor prepared by dissolving the polybenzazole precursor in a solvent or is a molten state of the polybenzazole precursor.

14. (Currently Amended) A method of producing a film formed of a polybenzazole; comprising:

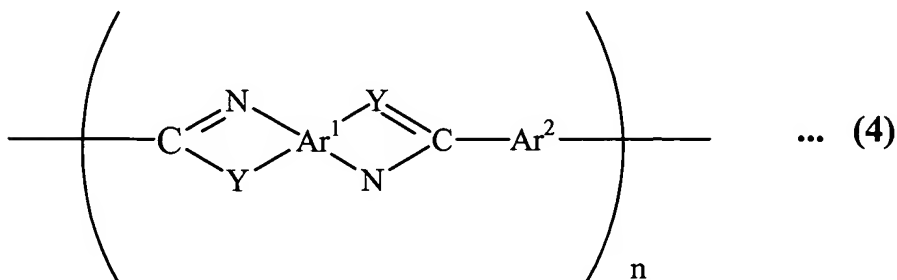
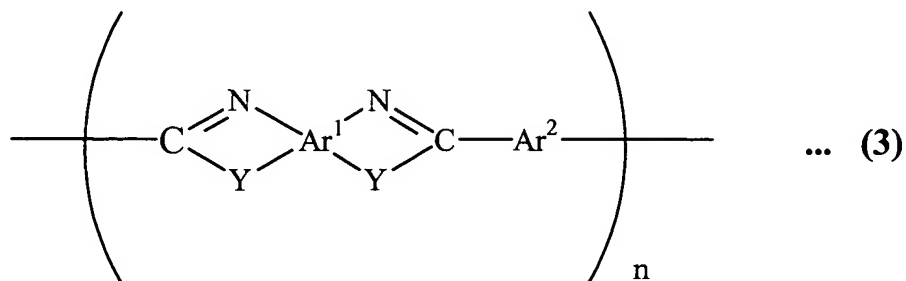
preparing a liquid containing the polybenzazole;

spreading the liquid in the form of a film;

applying a magnetic or electric field to the spread liquid in such a manner that the polybenzazole in the spread liquid is oriented along a direction of the magnetic or electric field ~~so that the polybenzazole in the spread liquid is oriented in a given direction, such that the film to be formed has strong anisotropy;~~ and

solidifying the spread liquid after the application of the magnetic or electric field.

15. (Original) The method according to claim 14, wherein said polybenzazole has a repeating unit shown by the following chemical formula (3) or (4),



wherein Y is any one selected from the group consisting of a sulfur atom, an oxygen atom, and an imino group; Ar¹ and Ar² are selected from aromatic hydrocarbon groups; and n is an integer of 10 to 500.

16. (Original) The method according to claim 14, wherein the liquid either is a solution of the polybenzazole prepared by dissolving the polybenzazole in a solvent or is a molten state of the polybenzazole.

17. (New) The film according to claim 1, wherein the magnetic or electric field is applied to improve the anisotropy of the film.

18. (New) The method according to claim 4, wherein the magnetic or electric field is applied to improve the anisotropy of the film to be formed.

19. (New) The film according to claim 6, wherein the magnetic or electric field is applied to improve the anisotropy of the film.

20. (New) The method according to claim 10, wherein the magnetic or electric field is applied to improve the anisotropy of the film to be formed.

21. (New) The method according to claim 12, wherein the magnetic or electric field is applied to improve the anisotropy of the film to be formed.

22. (New) The method according to claim 14, wherein the magnetic or electric field is applied to improve the anisotropy of the film to be formed.

23. (New) The film according to claim 1, wherein the polybenzazole precursor is uniaxially oriented by the application of the magnetic or electric field.

24. (New) The method according to claim 4, wherein the polybenzazole precursor is uniaxially oriented by the application of the magnetic or electric field.

25. (New) The film according to claim 6, wherein the polybenzazole is unlikely oriented by the application of the magnetic or electric field.

26. (New) The method according to claim 10, wherein the polybenzazole precursor is uniaxially oriented by the application of the magnetic or electric field.

27. (New) The method according to claim 12, wherein the polybenzazole precursor is uniaxially oriented by the application of the magnetic or electric field.

28. (New) The method according to claim 14, wherein the polybenzazole is uniaxially oriented by the application of the magnetic or electric field.